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Orange County Transportation Authority: Lou Correa, County of Orange

Riverside County Transportation

Commission: Robin Lower, Hemet

Ventura County Transportation

Commission: Keith Millhouse, Moorpark

MEETING OF THE

ENERGY AND ENVIRONMENT COMMITTEE

NOTE CHANGE IN MEETING TIME

Thursday, February 1, 2007

10:00 a.m. – 11:30 a.m.

SCAG Offices

**818 West 7th Street, 12th Floor
Conference Room Riverside A
Los Angeles, CA 90017
213.236.1800**

If members of the public wish to review the attachments or have any questions on any of the agenda items, please contact Deby Salcido at 213.236.1993 or salcido@scag.ca.gov

Agendas and Minutes for the Energy and Environment Committee are also available at:

www.scag.ca.gov/committees/eec.htm

SCAG, in accordance with the Americans with Disabilities Act (ADA), will accommodate persons who require a modification of accommodation in order to participate in this meeting. If you require such assistance, please contact SCAG at (213) 236-1868 at least 72 hours in advance of the meeting to enable SCAG to make reasonable arrangements. To request documents related to this document in an alternative format, please contact (213) 236-1868.

Energy and Environment Committee Membership

February 2007

*Washburn, Dennis, **Chair***
*Clark, Margaret, **Vice Chair***

Calabasas
Rosemead

M e m b e r s

Bertone, Denis
Brennan, Brian
Campbell, Todd
Carrillo, Victor
Carroll, Stan
Clark, Margaret, **Vice Chair**
Cook, Debbie
Eaton, Paul
Edkenrode, Norman
Forester, Larry
Gafin, David
Hanks, Keith
Harrison, Jon
King, Dorothy
Lilburn, Penny
Marchand, Paul
Nelson, Larry
Olivas, David J
Van Arsdale, Lori
Young, Toni
Zine, Dennis

R e p r e s e n t i n g

SGVCOG
VCOG
Burbank
Imperial County
La Habra Heights
Rosemead
Huntington Beach
Montclair
Placentia
Signal Hill
Downey
Azusa
Redlands
Gateway Cities
SANBAG
Cathedral City
Artesia
SGVCOG
Hemet
Port Hueneme
Los Angeles

ENERGY & ENVIRONMENT COMMITTEE

AGENDA

PAGE #

TIME

“Any item listed on the agenda (action or information) may be acted upon at the discretion of the Committee”.

1.0 CALL TO ORDER & PLEDGE OF ALLEGIANCE

Hon. Dennis Washburn, Chair

2.0 PUBLIC COMMENT PERIOD

Members of the public desiring to speak on an agenda item or items not on the agenda, but within the purview of the Committee, must fill out and present a speaker's card to the Assistant prior to speaking. A speaker's card must be turned in before the meeting is called to order. Comments will be limited to three minutes. The chair may limit the total time for all comments to twenty (20) minutes.

3.0 REVIEW and PRIORITIZE AGENDA ITEMS

4.0 CONSENT CALENDAR

4.1 Approval Items

4.1.1 January 4, 2007 Minutes Attachment

1

5.0 ACTION ITEMS

5.1 Caltrans Riverside HOV Transportation Control Measure (TCM) Replacement Attachment

Jonathan Nadler
SCAG Staff

5

10 Minutes

Caltrans is preparing to replace a full time HOV with a part time HOV on State Route 60 in Riverside County.

Recommended Action: Approve the TCM replacement subject to comments received and recommend Regional Council approval.



SOUTHERN CALIFORNIA
ASSOCIATION of GOVERNMENTS

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ENERGY & ENVIRONMENT COMMITTEE

AGENDA

		PAGE #	TIME
5.2	<u>2007 Regional Champion Nominations Attachment</u> The nomination and selection process for SCAG's 2007 Regional Champion is concluding. The Committee should now select their Regional Champion for this year. Recommended Action: Select a candidate as the EEC's 2007 Regional Champion.	Hon. Dennis Washburn, Chair 27	5 Minutes
6.0	<u>INFORMATION ITEMS</u>		
6.1	<u>2007 South Coast Air Quality Management Plan</u> Status of the Draft 2007 South Coast Air Quality Management Plan (AQMP).	Jonathan Nadler SCAG Staff	10 Minutes
6.2	<u>Bond Implementation</u> Staff will continue the discussion of the state bond implementation regarding water.	Dan Griset SCAG Staff	10 Minutes
7.0	<u>SOLID WASTE TASK FORCE REPORT</u>	Hon. Toni Young, Chair	
8.0	<u>WATER POLICY TASK FORCE REPORT</u>	Hon. Dennis Washburn, Chair	
9.0	<u>CHAIR'S REPORT</u>	Hon. Dennis Washburn, Chair	



ENERGY & ENVIRONMENT COMMITTEE

AGENDA

PAGE #

TIME

10.0 FUTURE AGENDA ITEMS

11.0 ANNOUNCEMENTS

12.0 ADJOURNMENT

The next meeting of the Energy and Environment Committee will be held on March 1, 2007, at the Los Angeles SCAG Office.



SOUTHERN CALIFORNIA
ASSOCIATION of GOVERNMENTS

Energy and Environment Committee
of the
Southern California Association of Governments
January 4, 2007

Minutes

THE FOLLOWING MINUTES ARE A SUMMARY OF ACTIONS TAKEN BY THE ENERGY AND ENVIRONMENT COMMITTEE. AUDIO CASSETTE TAPE OF THE ACTUAL MEETING IS AVAILABLE FOR LISTENING IN SCAG'S OFFICE.

The Energy and Environment Committee held its meeting at the Southern California Association of Governments, downtown Los Angeles. The meeting was called to order by Dennis Washburn, Chair. There was a quorum.

Members Present

Bertone, Denis	SGVCOG
Carroll, Stan	City of La Habra Heights
Clark, Margaret (Vice-Chair)	City of Rosemead
Cook, Debbie	City of Huntington Beach
Eaton, Paul	City of Montclair
Forester, Larry	City of Signal Hill
Gafin, David	City of Downey
Hanks, Keith	City of Azusa
King, Dorothy	Gateway Cities COG
Marchand, Paul	City of Cathedral City
Nelson, Larry	City of Artesia
Washburn, Dennis (Chair)	City of Calabasas

Members Not Present

Brennan, Brian	VCOG
Campbell, Todd	City of Burbank
Carrillo, Victor	City of Imperial
Harrison, Jon	City of Redlands
Lilburn, Penny	SANBAG
Olivas, David J.	SGVCOG
Van Arsdale, Lori	City of Hemet
Young, Toni	City of Port Hueneme
Zine, Dennis	City of Los Angeles

1.0 CALL TO ORDER & PLEDGE OF ALLEGIENCE

Hon. Dennis Washburn, Chair, called the meeting to order at 10:08 a.m.

2.0 PUBLIC COMMENT PERIOD

None

3.0 REVIEW AND PRIORITIZE AGENDA ITEMS

4.0 CONSENT CALENDAR

It was MOVED (Denis Bertone), SECONDED (Hon. Larry Forester), and APPROVED (Paul Marchand, Paul Eaton, and Larry Nelson ABSTAINED from approving the minutes).

4.1 Approval Item

4.1.1 Minutes of December 14, 2006

4.2 Receive and File

4.2.1 Landmark Village Draft Environmental Impact Report

5.0 ACTION ITEMS

5.1 Caltrans Riverside HOV Transportation Control Measure (TCM) Replacement

Jessica Kirchner, SCAG Staff provided the Committee with a report.

It was MOVED (Paul Marchand), SECONDED (Hon. Larry Forester), and UNANIMOUSLY APPROVED.

5.2 Regional Comprehensive Plan (RCP) Open Space and Habitat Chapter

Jessica Kirchner, SCAG Staff provided the Committee with a report.

It was MOVED (Paul Marchand), SECONDED (Larry Forester), and UNANIMOUSLY APPROVED.

5.3 2007 Regional Champion Nominations

The Committee members were asked to complete a nomination form, if they have a candidate, and forward to Barbara Dove, SCAG Staff.

6.0 INFORMATION ITEMS

6.1 AB32: California Global Warming Solutions Act of 2006

Richard Varenchik, California Air Resources Board (CARB), provided an overview of the CARB efforts to implement AB32.

6.2 Local Government Sustainable Energy Coalition

Howard Choy, County of Los Angeles Energy Management Division, provided information on efforts to organize local governments interested in state energy policy and local implementation of AB 32.

6.3 Bond Measure Implementation

Dan Griset, SCAG Staff, provided an update on the status of the state bond measure implementation effort—focusing on the Water Bond Funds.

6.4 2007 South Coast Air Quality Management Plan

This item will be carried over to the February 1, 2007 EEC meeting.

7.0 WATER POLICY TASK FORCE REPORT

The next meeting of the Water Policy Task Force is scheduled for February 15, 2007, 10:00 – 12:00 p.m. at the SCAG Office.

8.0 SOLID WASTE TASK FORCE REPORT

The next Solid Waste Task Force meeting is scheduled for January 25, 2007, 10:00 a.m. at the SCAG Office.

9.0 CHAIR'S REPORT

None

10.0 STAFF REPORT

None

11.0 FUTURE AGENDA ITEMS

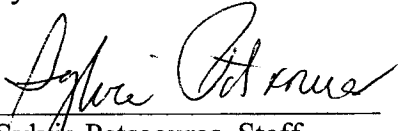
- Establish Relationship with the Local Government Sustainable Energy Coalition

12.0 ANNOUNCEMENTS

13.0 ADJOURNMENT

There being no further business, Dennis Washburn, Chair, adjourned the meeting at 11:58 a.m.

Action Minutes Approved
by:



Sylyia Patsaouras, Staff
Energy and Environment

REPORT

DATE: February 1, 2007
TO: Energy and Environment Committee
FROM: Jonathan Nadler, Program Manager, Air Quality and Conformity,
(213) 236-1884, nadler@scag.ca.gov
SUBJECT: Caltrans Riverside HOV Transportation Control Measure (TCM)
Replacement

EXECUTIVE DIRECTOR'S APPROVAL:



RECOMMENDED ACTION:

Approve the Caltrans Transportation Control Measure (TCM) Substitution contingent upon no substantive comments received during the public comment period.

BACKGROUND:

Caltrans is proposing to replace an existing Transportation Control Measure (TCM) with a new project. The existing project is an eight mile segment of the State Route 60 (SR-60) from the I-215 interchange to Redlands Boulevard. In both directions, this segment of the SR-60 would remain a full time HOV lane between the hours of 6 a.m. and 10 a.m. and 3 p.m. to 7 p.m., but would allow access by single occupancy vehicles during the remaining hours of the day. The purpose of the new project is to relieve congestion, increase travel speeds and improve overall safety by lowering off-peak traffic densities on the mixed flow lanes.

A notice of availability was published on SCAG's website on January 11, 2007. Staff will address comments received during the public comment period and will include any changes in the final report. In addition, EEC will be provided with a summary of comments received. Staff anticipates bringing the final report to Regional Council for adoption on March 1, 2007.

FISCAL IMPACT:

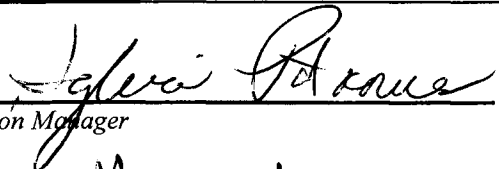
The work performed for the TCM replacement is included in the current SCAG Overall Work Program (07-025.SCGS1).

Attachments:

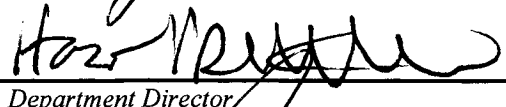
SCAG Transportation Control Measure Report

REPORT

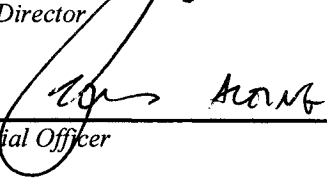
Reviewed
by:


Division Manager

Reviewed
by:


Department Director

Reviewed
by:


Chief Financial Officer

**DRAFT
CALTRANS
TRANSPORTATION CONTROL MEASURE (TCM)
SUBSTITUTION REPORT**

January 4, 2007



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INTRODUCTION

The Southern California Association of Governments (SCAG) is the designated Metropolitan Planning Organization (MPO) for six counties in Southern California, Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura. As the MPO, SCAG is required to develop and update the Regional Transportation Plan (RTP) and the Regional Transportation Improvement Program (RTIP). The RTP is a long-range plan that identifies multi-modal regional transportation needs and investments over the next 25 years. The RTIP is a short-range program that implements the long-range plan by identifying federal, state, and local funding sources and amounts for specific transportation projects and project phases.

SCAG adopted the current operating 2004 RTP on April 1, 2004 (resolution #04-451-2), and the current operating 2006 RTIP on July 27, 2006 (resolution #06-477-2). Both the RTP and RTIP were developed in a comprehensive, cooperative, and continuing process that involved a broad spectrum of transportation and related stakeholders, as required under the Transportation Equity Act for the 21st Century (TEA-21).

The California Department of Transportation (Caltrans) has requested that SCAG amend the 2006 RTIP to replace an existing full time High Occupancy Vehicle (HOV) lane with a part time HOV lane (see Attachments A, B). The operational change would last for a period of three years after which time the HOV would revert back to full time.

The purpose of this document is to identify the specific details of the proposed TCM substitution and associated amendment to the 2006 RTIP and to ensure that the proposed changes are consistent with federal and state requirements, including the Clean Air Act (CAA) section 176(c) as revised by the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). All analyses for both the 2004 RTP and 2006 RTIP are incorporated into this document.

PROJECT DESCRIPTION

Caltrans is proposing to convert an existing full time HOV lane to a part time lane in both directions on an eight mile segment of the SR-60. The proposed segment would begin just east of the SR-60 and Interstate 215 junction and would continue to Redlands Boulevard. The conversion would last for a period of three years at which time it will revert back to a full time HOV lane. As proposed, the HOV lane would be HOV only from 6 AM through 10 AM and from 3 PM through 7 PM and would be open to single occupant vehicles the remaining hours of the day. Signage will be installed to inform motorists of the new hours of operation. No additional changes (striping, ingress/egress, etc.) are proposed.

Timely Implementation of TCMs

Replacement of the full time SR-60 HOV lane TCM with the part time SR-60 HOV lane TCM must follow the substitution process specified in the CAA section 176(c) as amended by SAFETEA-LU. The CAA as amended requires that the replacement TCM meet the following criteria:



- | | |
|-----------------------|--|
| 176(c)(8)(A)(i) | The substitute measure achieves equivalent or greater emissions reductions than the control measure to be replaced; |
| 176(c)(8)(A)(ii) | The substitute control measures are implemented in accordance with a schedule that is consistent with the schedule provided for the control measures in the implementation plan; |
| 176(c)(8)(A)(iii) | The substitute and additional control measures are accompanied with evidence of adequate personnel and funding and authority under state or local law to implement, monitor, and enforce the control measure; |
| 176(c)(8)(A)(iv)(I) | The substitute and additional control measures were developed through a collaborative process that included participation by representatives of all affected jurisdictions (including local air pollution control agencies, the state air pollution control agency and state and local transportation agencies); |
| 176(c)(8)(A)(iv)(II) | The substitute and additional control measures were developed through a collaborative process that included consultation with the Administrator; |
| 176(c)(8)(A)(iv)(III) | The substitute and additional control measures were developed through a collaborative process that included reasonable public notice and opportunity for comments; and |
| 176(c)(8)(A)(v) | The metropolitan planning organization, state air pollution control agency and the Administrator concur with the equivalency of the substitute or additional control measure. |

TCMs are contained in Appendix IV-C of the Air Quality Management Plan/State Implementation Plan (AQMP/SIP). The TCM substitution process followed by SCAG is also spelled out in this appendix to the 1994, 1997 and 2003 AQMPs. The AQMP specifies procedures for replacing individual projects such as the HOV full time to part time replacement. This process includes:

- The CTCs and/or project sponsors shall notify SCAG when a TCM project cannot be delivered or will be significantly delayed.
- SCAG, CTC or project sponsor can propose a substitute measure.
- Prior to adopting an individual TCM substitution, the measure must have been subject to interagency consultation (i.e., the Transportation Conformity Working Group), public review and comment period and emissions analysis.
- The replacement measure must be subject to the SCAG Regional Council review and adoption.
- Upon adoption by the Regional Council, the new measure will replace the previous measure and will be incorporated into the RTIP through an administrative amendment.
- Adoption by SCAG's Regional Council will rescind the previous TCM and apply the new measure.

Interagency Consultation. Interagency consultation occurred at SCAG's publicly noticed Transportation Conformity Working Group meeting on November 28, 2006.



Equivalent Emissions Reduction. As demonstrated, the proposed TCM replacement provides emissions equivalent to those of the original TCM when rounded to the nearest pound.

Similar Geographic Area. Both projects are located within Riverside County and would serve Riverside County and the surrounding areas.

Full Funding. The proposed project will be funded with \$35,000 in Minor State Cash.

Similar Time Frame. The proposed project is anticipated to be operational in mid 2007 and will remain in use for a period of three years.

Timely Implementation. The replacement project will be monitored through TCM Timely Implementation Reports that SCAG submits to the federal agencies (FHWA).

Legal Authority. Caltrans will have full legal authority to implement and operate the replacement project.

SCAG Review and Adoption. After Committee approval, the replacement TCM will be presented to SCAG's Regional Council for adoption

Finding: SCAG has followed the federally approved process for TCM substitution as described in this document. Substitution of this project does not change funding and timely implementation of any TCM projects not described in this document. With EPA concurrence, all South Coast Air Basin TCM projects in the federally approved conforming 2004 RTP and 2006 RTIP are given funding priority and are on schedule for implementation.

Fiscal Constraint Analysis

Finding: All projects listed in the 2004 RTP and 2006 RTIP are financially constrained for all fiscal years.

Interagency Consultation and Public Involvement Analysis

Finding: SCAG has consulted with the respective transportation and air quality planning agencies. The proposed substitution of the SR-60 HOV lane replacement was discussed at the Transportation Conformity Working Group (which includes representatives from the respective air quality and transportation planning agencies) on November 28, 2006. In addition, the proposed substitution will undergo the required consultation and public participation process. A 30 day public comment period announcement will be posted on SCAG's website in early January. As a result of comments received from the Environmental Protection Agency (EPA), the Riverside County Transportation Commission is including an additional project in this TCM replacement, which will increase the benefits of the TCM replacement. The project information will be posted as soon as it is finalized.



EMISSIONS ANALYSIS

The SR-60 HOV lane TCM and the proposed SR-60 part time TCM replacement project are compared by difference in emissions. The emissions factors for vehicle type are based on EMFAC2002. Emissions estimations are for the year 2007. Additional technical information is included in Attachment B.

Project Emissions (tons/day)

		VMT	ROG	CO	NOx	PM10	PM2.5
Original Project	Full time HOV lane	367,762	261.30	2583.83	487.32	21.11	14.51
Replacement Project	Part time HOV lane	367,761	261.31	2,584.02	487.36	21.11	14.52

Notes: VMT x 1000; EMFAC2002; Year 2007; SCAG system-wide modeling statistics.

The proposed part time HOV lane would provide equivalent emissions to the full time HOV lane when rounded to the nearest pound. Although the difference in emissions is negligible, Caltrans is considering including an additional project with the proposed TCM replacement to generate additional emissions benefits.

Finding: The proposed part time HOV lane would provide equivalent emissions to the full time HOV lane when rounded to the nearest pound.

PUBLIC REVIEW AND COMMENT

The TCM substitution process as described in SAFETEA-LU requires public notice and opportunity for comment. A Notice of Availability was posted on the SCAG website (www.scag.ca.gov) on January 11, 2007. As a result of comments received from the Environmental Protection Agency (EPA), the Riverside County Transportation Commission is including an additional project as part of this TCM replacement, which will increase the benefits of the TCM replacement. Any additional comments received during the comment period will be reflected in the final report submitted to the federal agencies.



ATTACHMENT A

CALTRANS REQUEST FOR TCM SUBSTITUTION

DEPARTMENT OF TRANSPORTATION**ENVIRONMENTAL ENGINEERING**

Tony Louka, Office Chief, Environmental Engineering
464 West 4th Street, 8th Floor (M.S. 824)
San Bernardino, CA 92401-1400
PHONE (909) 383-6385
FAX (909) 383-6494
TTY (909) 383-6300



*Flex your power!
Be energy efficient!*

December 7, 2006

Mr. Hasan Ikhata
SCAG
818 West Seventh St., 12th Fl.
Planning & Policy
Los Angeles, CA 90017-3435

Subject: Caltrans Part-time HOV TCM Substitution on Route 60 in the City of Moreno Valley

Dear Mr. Ikhata:

Caltrans is submitting a TCM Project substitution request for the existing full-time HOV lane on Route 60 in the City of Moreno Valley.

The purpose of the project is to get better utilization of the HOV lanes during off-peak periods. The existing configuration of two mixed flow lanes plus one HOV does not operate as efficient as possible. Off-peak Single Occupancy Vehicles (SOVs) are forced to use the capacity in the two available mixed flow lanes, which increases the vehicle density of these lanes. The HOV lane is left underutilized.

As a suitable substitute, we are submitting a part-time HOV to operate from 6:00 AM to 10:00 AM and 3:00 PM to 7:00 PM. Allowing SOVs to use the HOV lane during off-peak hours will reduce the density of the facility, and provide larger headways in the right lane. This will allow for smoother merges at interchanges, which will increase the overall speed of vehicles on this segment. It will also leave the HOV lane available for use during lane restrictions such as accidents.

Presently, the part-time HOV is not programmed in the RTIP, however we have placed an amendment to include it in RTIP.

If you have any questions, please call me at (909) 383-6385. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tony Louka'.

Tony Louka,
Chief, Office of
Environmental Engineering

"Caltrans improves mobility across California"

Mr. Hasan Ikhata
December 7, 2006
Page 2

cc: Jessica Kirchner (SCAG)
Jonathan Nadler (SCAG)
Sylvia Patsaouras (SCAG)
Mike Perovich (Caltrans)
Ernie Figueroa (Caltrans)
Tom Ainsworth (Caltrans)
Jamal Elsaleh (Caltrans)
Syed Raza (Caltrans)

ATTACHMENT B

CALTRANS TCM REPLACEMENT REPORT

Riverside County Transportation Control Measure Replacement

Presented to

Southern California Association of Governments

Submitted by

**Caltrans District 8
464 West Street
San Bernardino, Ca. 92401-1400**

November 16, 2006

Riverside County Transportation Control Measure Replacement

I Introduction

Caltrans plans to replace an existing Transportation Control Measure (TCM) with a new TCM project that provides equivalent or greater emissions reductions, while meeting all TCM substitution requirements specified in The Clean Air Act's section 176(c) transportation conformity provisions, including procedures to use in substituting or adding TCMs to approved SIPs.

The replacement will be discussed in this technical report:

SR-60 HOV. On an eight-mile segment of State Route 60 (SR 60) East of Junction for SR 60/ I-215 to Redlands Blvd., convert the existing full-time (24 hrs) High Occupancy Vehicle (HOV) lane to a part-time HOV lane in both directions.

The following report presents the criteria for TCM replacement that apply to the SR-60 HOV lane TCM. Further the report includes a description of the TCM project to be replaced, the need for replacement, the implication of the replacement on the Regional Transportation Improvement Program (RTIP), and a description of the proposed replacement project. The technical analysis for the replacement presents emissions data for the original and replacement TCM.

II TCM Replacement Procedures and Requirements

Replacement of SR-60 HOV lane with a new TCM must follow the substitution protocol specified in the Clean Air Act's section 176(c).

The Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users, signed into law on August 10, 2005, revised the Clean Air Act's section 176(c) transportation conformity provisions, including procedures to use in substituting or adding TCMs to approved SIPs. The Clean Air Act as amended requires that the replacement TCM have the following:

- 176(c)(8)(A)(i) The substitute measures achieve equivalent or greater emissions reductions than the control measure to be replaced;
- 176(c)(8)(A)(ii) The substitute control measures are implemented in accordance with a schedule that is consistent with the schedule provided for the control measures in the implementation plan;
- 176(c)(8)(A)(iii) the substitute and additional control measures are accompanied with evidence of adequate personnel and funding and authority under State or local law to implement, monitor, and enforce the control measures;
- 176(c)(8)(A)(iv)(I) The substitute and additional control measures were developed through a collaborative process that included participation by representatives of all affected jurisdictions (including local air pollution control agencies, the State air pollution control agency, and State and local transportation agencies);
- 176(c)(8)(A)(iv)(II) The substitute and additional control measures were developed through a collaborative process that included consultation with the Administrator;
- 176(c)(8)(A)(iv)(III) The substitute and additional control measures were developed through a collaborative process that included reasonable public notice and opportunity for comments; and
- 176(c)(8)(A)(v) The metropolitan planning organization, State air pollution control agency, and the Administrator concur with the equivalency of the substitute or additional control measures.

The AQMP specifies procedures for replacing individual projects such as the SR-60 HOV lane:

- The CTCs and/or project sponsors shall notify SCAG when a TCM project cannot be delivered or will be significantly delayed.
- SCAG, CTC or project sponsor can propose a substitute measure.
- Prior to adopting an individual TCM substitution, the measure must have been subject to interagency consultation (via the Transportation Conformity Working Group), public review and comment period and emissions analysis.
- The replacement measure must be subject to the SCAG Regional Council review and adoption.
- Upon adoption by the Regional Council, the new measure will replace the previous measure and will be incorporated into the RTIP through an administrative amendment.
- Adoption by SCAG's Regional Council will rescind the previous TCM and apply the new measures.

Section III of this report includes a summary of the SR-60 HOV lane replacement TCM fit with each of the requirements established by the AQMP.

III SR-60 HOV Lane TCM Replacement

SR-60 HOV Lane Description. The proposed project is a TCM replacement project and is substituting, an already built TCM, the existing full-time HOV lane. The existing project is an approved TCM in the SIP, which opened to traffic in March 2004 as a full-time HOV operation.

Need for SR-60 HOV Lane Project Replacement. The 2006 traffic study prepared by Caltrans indicates that the full-time HOV lane is under-utilized during the off-peak hours by 40% to 50%. The purpose of converting the existing full-time HOV lane to part-time HOV lane is to relieve the congestion, increase the travel speed, and improve overall safety by lowering the traffic densities during off-peak hours on the mixed flow lanes.

Implication of SR-60 HOV Lane Project Replacement for 2006 RTIP.

The SR60 HOV lane project was included in the 2002 RTIP as follows:

RCTC 46360

In Riverside and Moreno Valley
On R60 from RT 215 to Redlands
Blvd. Add 2 HOV lanes.

At the conclusion of the interagency consultation process, Caltrans will request that SCAG amend the 2006 RTIP to designate the part-time HOV project as a TCM.

The replacement project will also subsequently be included in annual TCM Timely Implementation Reports that SCAG submits to FHWA to demonstrate that the projects are being implemented on time in fulfillment of the AQMP TCM requirements.

Recommended SR-60 HOV Lane Replacement Project

Caltrans proposes to convert the existing full-time HOV lane to a part-time HOV lane in both directions on an eight-mile segment of SR-60, East of junction of SR-60/I-215 (R12.2) to Redlands Boulevard (PM 20.4). The conversion will be for a period of three years at which time it will revert back to a full-time HOV lane. The hours of HOV operation will be from 6 A.M. to 10 A.M. and 3 P.M. to 7 P.M. in both directions of SR-60. The HOV lane will be open to use by single occupant vehicles (SOV) for the remaining hours of the day. A striped buffer between the HOV lane and the mixed-flow lanes will remain unchanged, and no striping modifications are proposed. The SOVs will be able to enter/exit the HOV lanes only at the existing designated ingress and egress locations. New signs will be installed informing motorists about the hours of HOV operation. An aggressive public awareness campaign will be launched to spread the word about the proposed change in operation. Refer to figures 1 and 2 for the project vicinity and location map.

Technical Analysis

This technical analysis documents the evidence that the SR-60 HOV lane project replacement TCM meets the substitution criteria spelled out in the Clean Air Act's section 176(c): equivalent emissions, similar geographic service area, similar implementation schedule, and demonstrated financial commitment to complete the project on time. The modeling procedure identified below was used for the SR-60 HOV lane replacement modeling.

Methodology for Analyzing Original Project and Replacement. The SR-60 HOV lane TCM and the proposed SR-60 part-time TCM Replacement project are compared in terms of difference in emissions. The emission factors for vehicle type is based on EMFAC2002, Version V2.2 and the emissions estimation are for the year 2007.

Emission Analysis. Based on the results of the modeling described above, Table 1 compares the existing HOV Operation and the proposed replacement TCM project emission profiles for year 2007. The SCAG's findings after model runs are as follows: *"Results from the base model run (with existing HOV) and the alternative model run (with HOV conversion) were compared and analyzed. Overall the HOV conversion had very little effect on corridor level traffic volumes. There are some diversions of SOVs to the converted HOV lane, but the overall freeway volume showed little change. Also, there are no significant changes in the freeway or HOV speeds between the base and alternative model run. Regional emissions showed insignificant differences between the base and alternative scenarios."*

Geographic Area/Service Area/Accessibility. The replacement project in the City of Moreno Valley serves and provides accessibility in the same corridor as the original TCM.

Implementation Schedule. The replacement project will be added to the RTIP through a formal amendment to be approved by SCAG's Regional Council.

Financial Commitment. The \$35,000 replacement project will be funded with Minor State Cash.

TABLE 1: 2007 Air Quality Emissions Comparison of Existing HOV and Part-time HOV Replacement TCM on SR-60 in Moreno Valley

(VMT in 1000s, emissions in tons/day)

Existing HOV Operation:	**VMT	***ROG	CO	NOx	PM10	SOx	Direct PM2.5 (Annual)
LDV+MDV	342,781	228.17	2,331.38	205.26	15.14	1.86	9.6
HDT	22,043	28.93	194.45	256.1	5.42	0.36	4.46
Others*	2,938	4.2	58	25.96	0.55	0.04	0.45
Sum	367,762	261.3	2,583.83	487.32	21.11	2.26	14.51
Part-time HOV Replacement:							
LDV+MDV	342,781	228.18	2,331.59	205.27	15.14	1.86	9.61
HDT	22,042	28.93	194.47	256.14	5.42	0.36	4.46
Others*	2,938	4.2	58	25.96	0.55	0.04	0.45
Sum	367,761	261.31	2,584.06	487.37	21.11	2.26	14.52

Note:

*Others – include Line Haul vehicles, motor homes, school buses, and urban buses.

**VMT X 1000

***Pollutants in tons – South Coast Air Basin. Emissions factors applied in the modeling were based on EMFAC2002, LDV (light duty vehicle); MDV (medium duty vehicle); HDV (heavy duty vehicle).

FIGURE 1: Project Vicinity Map

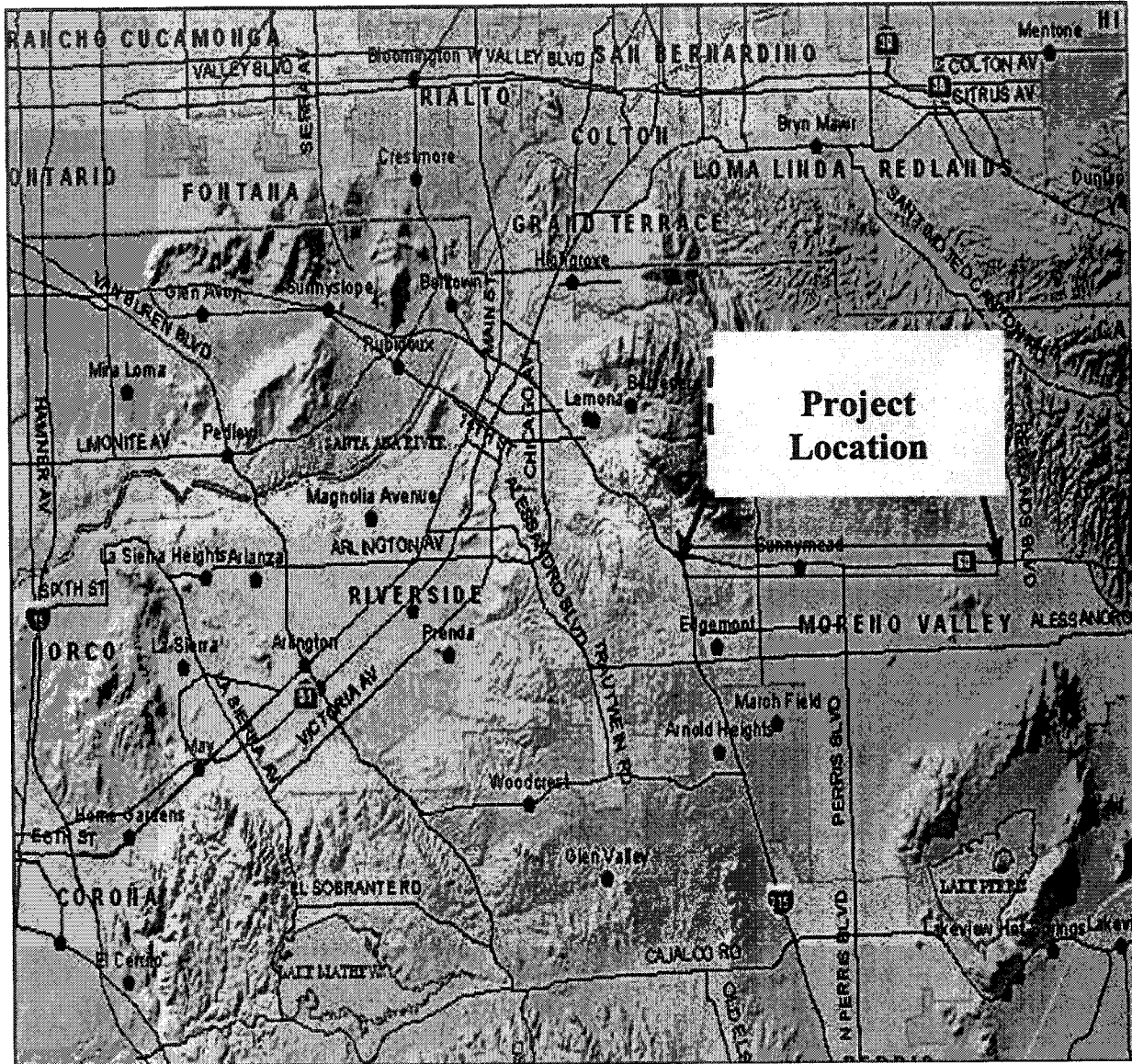
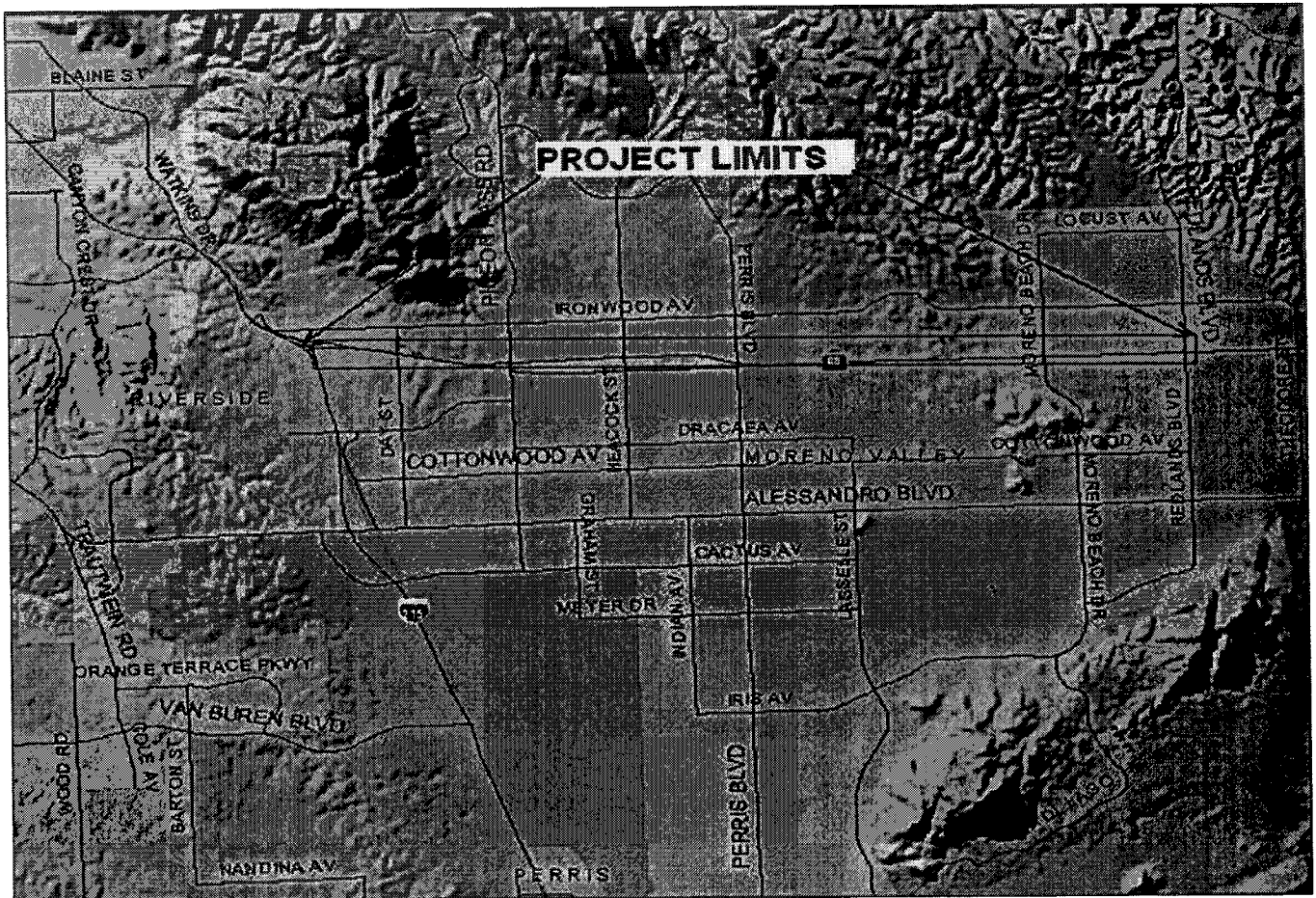


FIGURE 2: Project Location Map



Summary of SR-60 HOV Lane TCM Replacement

The purpose of this TCM replacement is to substitute an existing full-time HOV project on State Route 60 in Moreno Valley with a part-time HOV project. The conversion will be for a period of three years at which time it will revert back to a full-time HOV.

- **SCAG Review and Adoption.** The replacement TCM will be presented to SCAG's Transportation and Communications Committee in the form of a RTIP Amendment supported by emissions modeling and a conformity finding for its recommendation. The meetings will be publicly noticed. A 30-day public comment period and public hearing is included.
- **Interagency Consultation.** Interagency Consultation is occurring at SCAG's publicly noticed Transportation Conformity Working Group meeting on November 28, 2006.
- **Equivalent Emission Reductions.** The part-time HOV project virtually shows no significant difference in emissions from the existing full-time HOV for ROG, NOx, CO AND PM10 as supported with emission model runs.
- **Similar Geographic Area.** The replacement project in the City of Moreno Valley serves and provides accessibility in the same corridor as the original TCM.
- **Full Funding.** The \$35,000 replacement project will be funded with Minor State Cash.
- **Time Frame.** The replacement project (the part-time HOV) will be completed and in operation by June 2007.
- **Legal Authority.** Caltrans has full legal authority to construct and operate the replacement project.
- **Implementation Commitment.** The replacement project will be added to the RTIP through a formal amendment to be approved by SCAG's Regional Council.
- **AQMP – Consistency Methodology.** The methodology for analyzing emissions used AQMP – consistent assumptions and modeling techniques.
- **Latest Planning Assumptions.** Technical analysis of the replacement project was based on EMFAC2002 emission factors version V2.2. The emissions estimation is for the year 2007.

REPORT

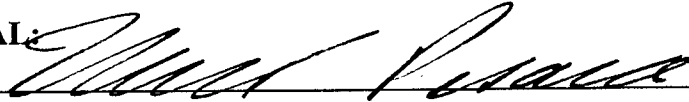
DATE: February 1, 2007

TO: Energy & Environment Committee (EEC)
Transportation & Communications Committee (TCC)

FROM: Barbara Dove, Government Affairs, 213 236-1861, dove@scag.ca.gov

SUBJECT: 2007 Regional Champion Selections

EXECUTIVE DIRECTOR'S APPROVAL:



RECOMMENDED ACTION:

Select your policy committee's 2007 Regional Champion.

BACKGROUND:

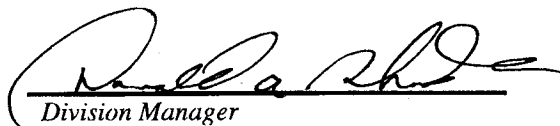
The selection process for SCAG's 2007 Regional Champions is concluding. These awards acknowledge individual(s) who perform exemplary service to the Region. Each of SCAG's three policy committees is asked to nominate members of the regional community who are worthy of such recognition. Candidates should be "civilians", not elected officials or public servants performing their regular jobs. Candidates should be individuals who go "above and beyond" to serve our Region. The Communication & Membership Subcommittee also has an award to bestow in recognizing service to the Region in the area of communication and media.

Final discussion of nominees and selection of Regional Champions is scheduled for this policy committee meeting. Please submit nominations to your committee staff. For your convenience, a nomination form is attached. If you have any questions, please contact Barbara Dove at 213 236-1861 or dove@scag.ca.gov.

FISCAL IMPACT:

There is no fiscal impact.

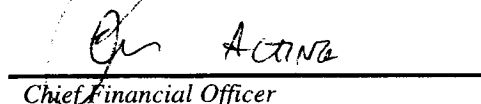
Reviewed by:


Division Manager

Reviewed by:


Department Director

Reviewed by:


Chief Financial Officer